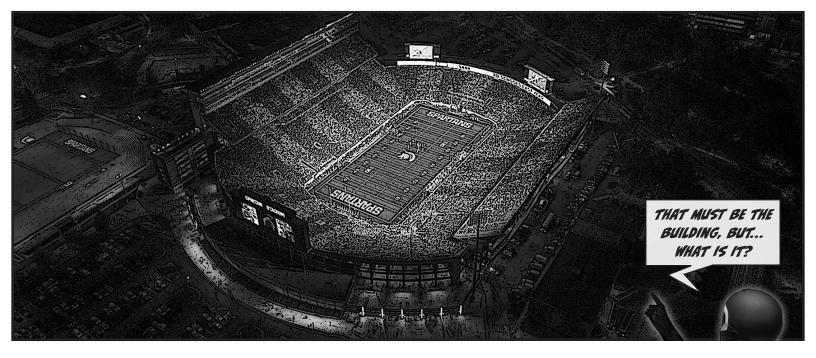


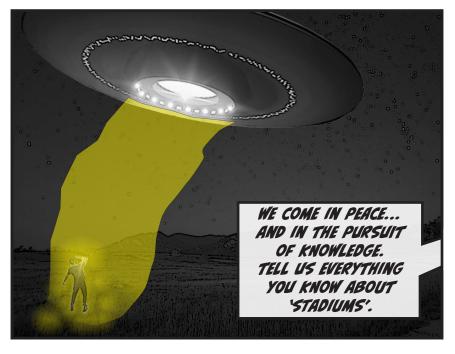
INHABITANTS OF PLANET EARTH CONTINUE TO PLAN & DEVELOP GIANT BUILDINGS THAT APPEAR TO LOSE MONEY, WASTE SPACE, AND CREATE A HOST OF NEGATIVE EXTERNALITIES. IT'S UNCLEAR TO THE REST OF THE UNIVERSE WHY THIS URBAN PHENOMENON KEEPS OCCURRING.

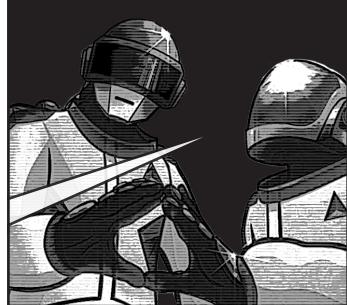
LET'S CHECK OUT WHAT MAKES EARTHLINGS THINK PLANNING & DEVELOPING THESE BUILDINGS ARE GOOD IDEAS.



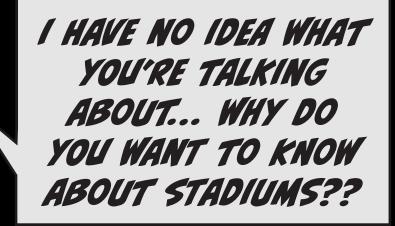


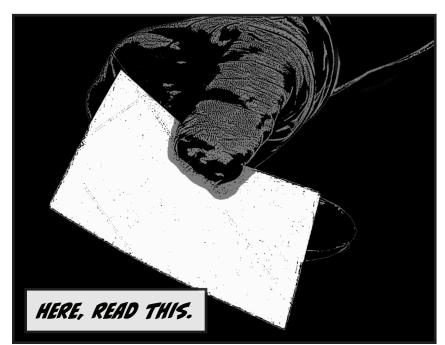


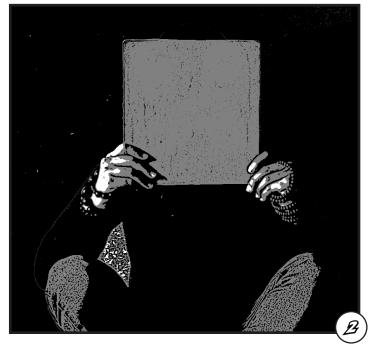


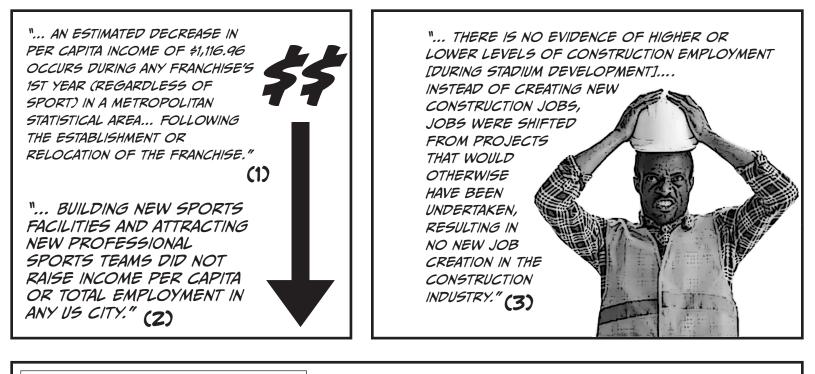












| City and State | Professional Sport | Year Opened | Total Cost | Public Subsid y | Age of Facility Replace d |
|-------------------|-----------------------|----------------|---------------|-----------------------|------------------------------------|
| Cincinnati, OH | Baseball | 2003 | \$297 mil. | \$297 mil. | 34 |
| Detroit,MI | Football | 2002 | \$306 mil. | \$199 mil. | 27 |
| Houston, TX | Football | 2002 | \$374 mil. | \$257 mil. | 37 |
| Boston, MA | Football | 2002 | \$332 mil. | none | 31 |
| Seattle,WA | Football | 2002 | \$408 mil. | \$306 mil. | 26 |
| San Antonio, TX | Basketball | 2002 | \$179 mil. | \$179 mil. | 9 |
| Denver, CO | Football | 2001 | \$417 mil. | \$313 mil. | 41 |
| Pittsburgh, PA | Football | 2001 | \$263 mil. | \$183 mil. | 31 |
| Dallas, TX | Basketball* | 2001 | \$438 mil. | \$219 mil. | 21 |
| Milwaukee, WI | Baseball | 2001 | \$410 mil. | \$317 mil. | 48 |
| Pittsburgh, PA | Baseball | 2001 | \$273 mil. | \$231 mil. | 31 |
| Cincinnati, OH | Football | 2000 | \$479 mil. | \$479 mil. | 31 |
| Atlanta, GA | Basketball* | 2000 | \$227 mil. | \$195 mil. | 3 |
| Detroit, MI | Baseball | 2000 | \$319 mil. | \$122 mil. | 88 |
| Houston, TX | Baseball | 2000 | \$266 mil. | \$191 mil. | 35 |
| San Francisco, CA | Baseball | 2000 | \$351 mil. | \$11 mil. | 40 |
| Cleveland, OH | Football | 1999 | \$311 mil. | \$311 mil. | 53 |
| Nashville, TN | Football | 1999 | \$319 mil. | \$319 mil. | |
| Denver, CO | Basketball* | 1999 | \$187 mil. | \$10 mil. | 24 |
| Los Angeles, CA | Basketball* | 1999 | \$363 mil. | \$65 mil. | 32 |
| Indianapolis, IN | Basketball | 1999 | \$201 mil. | \$87 mil. | 25 |
| Seattle, WA | Baseball | 1999 | \$587 mil. | \$409 mil. | 23 |
| Baltimore, MD | Football | 1998 | \$251 mil. | \$251 mil. | 44 |
| Tampa, FL | Football | 1998 | \$190 mil. | \$190 mil. | 22 |
| Miami, FL | Basketball* | 1998 | \$197 mil. | none | 10 |
| Phoenix, AZ | Baseball | 1998 | \$392 mil. | \$267 mil. | |

"... THE MAJORITY OF THE FINANCING FROM THESE NEW SPORTS FACILITIES CAME FROM PUBLIC, NOT PRIVATE, SOURCES."

"ON AVERAGE, PUBLIC FINANCING ACCOUNTED FOR 65% OF THE COST OF THESE PROJECTS, AND THE AVERAGE AMOUNT OF PUBLIC SPENDING WAS \$208 MILLION." (2)

SO WAIT, LET ME GET THIS STRAIGHT: STADIUMS ARE NOT ASSOCIATED WITH POSITIVE ECONOMIC ACTIVITY IN CITIES? AND THEY ALSO GENERALLY USE UP A HUGE CHUNK OF CITY & TAXPAYER MONEY TO GET BUILT?!

(2)

YUP, THAT'S RIGHT.

AND ALSO, WHAT'S ATLANTA DOING? THEY BUILT A BRAND NEW STADIUM FOR **\$227M** WITH A \$195M PUBLIC SUBSIDY AFTER





В



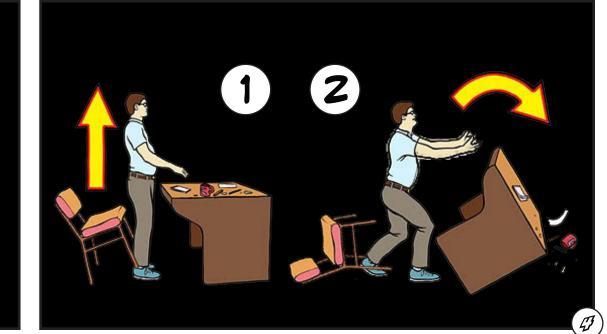
WELL THAT MAKES ABSOLUTELY NO SENSE. ESPECIALLY CONSIDERING THAT THESE PROJECTS ARE ALL GENERATING NEGATIVE CASH FLOW.

| | | FINANCING | | | |
|-------------------------------------|---------------|---------------------------------------|---------------|--|--|
| | | Loan-to-Value Ratio | 60.00% | | |
| | | Equity | \$210,000,000 | | |
| | | Debt | \$315,000,000 | | |
| | | Interest Rate | 10.00% | | |
| | | Mortgage Constant | 0.0680473 | | |
| | | Cap Rate | 6.50% | | |
| TOTAL DEVELOPMENT COST | | Cap Rate @ Sale | 6.20% | | |
| Acquisition Costs | \$25,000,000 | Discount Rate | 10.00% | | |
| Construction Costs | \$500,000,000 | | | | |
| Total Development Costs | \$525,000,000 | INCOME | | | |
| | | Rents Affordable (Annual) | | | |
| PROGRAMMING | | Affordable 2-Bedroom (100% AMI) | \$83,125 | | |
| Land & Programming Square Foo | tage | Affordable 2-Bedroom (70% AMI) | \$58,188 | | |
| Land SF | 600,000 | Affordable 2-Bedroom (30% AMI) | \$17,456 | | |
| Building & Parking Total SF | 1,100,000 | Rents Market Rate (Annual) | | | |
| Retail Total SF | 50,000 | 1-Bedroom | \$22,800 | | |
| Retail Cost/SF | \$50 | 2-Bedroom | \$30,000 | | |
| # of Units, Parking Spots, & Vacanc | У | Miscellaneous | - | | |
| # of 1-Bedroom Apartments | 150 | Parking Space Rental (Annual) | \$6,000 | | |
| # of 2-Bedroom Apartments | 200 | Gross & Additional Income Growth Rate | 3.0% | | |
| # of Parking Spots | 20,000 | | | | |
| Apartment Vacancy | 3% | EXPENSES | | | |
| Retail Vacancy | 5% | Operating Expenses/SF | \$5.00 | | |
| Household Size | 100% of AMI | Real Estate Taxes/SF | \$3.00 | | |
| 1-Person | \$68,450 | Replacement Reserve/SF | \$1.00 | | |
| 2-Persons | \$78,250 | Sales Expenses as % of Sale Price | 6.0% | | |
| 3-Persons | \$88.000 | Expenses Growth Rate | 5.00% | | |

| 1 | 2 | 3 | 4 | 5 | 6 |
|------------------|---|---|--|---|--|
| | | | | | |
| \$9.314.400.00 | \$9.593.832.00 | \$9.881.646.96 | \$10.178.096.37 | \$10.483.439.26 | \$10,797,942,44 |
| \$69 825 00 | \$71 919 75 | \$74 077 34 | \$76 299 66 | \$78 588 65 | \$80,946,31 |
| | | | | | \$2.898.185.19 |
| \$11,884,225.00 | \$12,240,751.75 | \$12,607,974.30 | \$12,986,213.53 | \$13,375,799.94 | \$13,777,073.94 |
| | | | | | |
| (\$281 526 75) | (\$289,972,55) | (\$298 671 73) | (\$307.631.88) | (\$316 860 84) | (\$326,366.66) |
| (\$125,000.00) | (\$128,750.00) | (\$132,612.50) | (\$136,590.88) | (\$140,688.60) | (\$144,909.26) |
| | | | | | |
| \$120,000,000.00 | \$123,600,000.00 | \$127,308,000.00 | \$131,127,240.00 | \$135,061,057.20 | \$139,112,888.92 |
| \$404 477 000 OF | 6405 400 000 00 | £420 404 600 07 | 6440.000.70 | ¢447.070.207.70 | \$152.418.686.93 |
| \$131,477,090.25 | \$135,422,029.20 | \$139,464,690.07 | \$143,009,230.76 | \$147,979,307.70 | \$152,410,000.95 |
| | | | | | |
| (\$5,250,000.00) | (\$5,512,500.00) | (\$5,788,125.00) | (\$6,077,531.25) | (\$6,381,407.81) | (\$6,700,478.20 |
| (\$3,150,000.00) | (\$3,307,500.00) | (\$3,472,875.00) | (\$3,646,518.75) | (\$3,828,844.69) | (\$4,020,286.92 |
| (\$1,100,000.00) | (\$1,155,000.00) | (\$1,212,750.00) | (\$1,273,387.50) | (\$1,337,056.88) | (\$1,403,909.72 |
| (\$9,500,000.00) | (\$9,975,000.00) | (\$10,473,750.00) | (\$10,997,437.50) | (\$11,547,309.38) | (\$12,124,674.84 |
| \$121,977,698.25 | \$125,447,029.20 | \$129,010,940.07 | \$132,671,793.28 | \$136,431,998.32 | \$140,294,012.09 |
| | | | | | |
| \$21,434,899.50 | \$21,434,899.50 | \$21,434,899.50 | \$21,434,899.50 | \$21,434,899.50 | \$21,434,899.50 |
| \$100,542,798.75 | \$104,012,129.70 | \$107,576,040.57 | \$111,236,893.78 | \$1,865,586,901.52 | \$118,859,112.59 |
| 1 | 2 | 3 | 4 | 5 | |
| \$315,000,000,00 | | | \$348 315 482 66 | | |
| | | | | | 1 |
| | | | | | 1 |
| \$325,065,100.50 | \$336,136,711.05 | \$348,315,482.66 | \$361,712,131.42 | \$376,448,445.06 | 1 |
| | | | SINGLE PERIOD (YEAR 1) RETURN MEASURES | | т |
| | \$2 262 806 646 55 | | | | - |
| | | | | | -1 |
| | | | | -500.320.000.00 | - |
| | \$1,750,589,802.69 | | Copronicos Value | | |
| 1 | 2 | 3 | 4 | 5 | |
| \$91,402,544.32 | \$85,960,437.77 | \$80,823,471.51 | \$75,976,295.18 | \$1,158,382,687.17 | 1 |
| \$91,402,544,32 | \$177.362.982.08 | \$258,186,453,59 | \$334,162,748,77 | \$1,492,545,435,94 | 1 |
| | | | | \$1,282,545,435.94 | -1 |
| | | | | | |
| | \$9,314,400,00 \$60,825,00 \$11,664,225,00 \$11,664,225,00 \$11,664,225,00 \$11,264,276,00 \$125,000,000,00 \$131,477,698,25 \$126,000,000 \$131,477,698,25 \$21,454,899,50 \$10,642,798,78 \$10,642,798,78 \$10,000,000 \$121,977,698,25 \$21,454,899,50 \$315,000,000,00 \$121,977,698,25 \$21,454,899,50 \$315,000,000,00 \$121,977,698,25 \$21,454,899,50 \$315,500,000,00 \$121,977,698,25 \$21,454,899,50 \$315,500,000,00 \$121,977,698,25 \$21,454,899,50 \$315,500,000,00 \$315,500,000,00 \$315,500,000,00 \$315,500,000,00 \$315,500,000,00 \$315,500,5100,50 \$325,085,100,50 | \$9,314,400,00 \$9,9382,20 \$90,352,00 \$71,919,75 \$2,260,000,00 \$2,75,000,00 \$11,804,235,00 \$12,240,71,75 \$11,804,235,00 \$12,240,71,75 \$11,804,235,00 \$12,240,71,75 \$12,240,79,175 \$123,670,00,00 \$12,240,79,175 \$123,670,00,00 \$12,240,000,000 \$123,670,00,00 \$12,240,000,000 \$123,670,00,00 \$13,477,688,25 \$155,422,029,20 \$13,147,688,25 \$155,422,009,20 \$13,147,688,25 \$125,467,000,00 \$13,147,688,25 \$125,447,028,20 \$21,434,899,50 \$21,434,899,50 \$21,434,899,50 \$22,1434,899,50 \$21,434,899,50 \$22,1434,899,50 \$21,434,899,50 \$22,1434,899,50 \$21,434,899,50 \$22,1434,899,50 \$21,434,899,50 \$22,1434,899,50 \$21,434,899,50 \$22,1434,899,50 \$21,434,899,50 \$22,444,7428,899,50 \$21,434,899,50 \$22,444,7428,899,50 \$21,434,899,50 \$22,444,7428,899,50 \$21,434,899,50 | \$9,314,400.00 \$30,593,852.00 \$9,881,564.69 \$90,825.00 \$27,1919,75 \$57,4077,34 \$2,200,000.00 \$22,575,000.00 \$52,862,250.00 \$11,849,255.00 \$12,240,177,15 \$12,260,774.30 \$11,849,255.00 \$12,240,177,15 \$12,260,774.30 \$11,849,255.00 \$12,240,177,15 \$12,260,774.30 \$11,849,255.00 \$12,240,774.30 \$12,240,777,974.30 \$12,240,775,900,000 \$123,692,200 \$132,612,200 \$120,000,000,00 \$123,600,000 \$127,308,000,00 \$13,477,688,25 \$138,442,000,000 \$127,308,000 \$13,1477,688,25 \$138,422,002,20 \$139,444,660,07 \$13,1477,688,25 \$123,600,000 \$127,375,000 \$13,1477,688,25 \$125,447,028,20 \$127,375,000 \$14,147,758,205 \$125,447,028,20 \$128,946,940,97 \$14,147,788,25 \$126,447,028,20 \$128,946,940,97 \$14,147,788,25 \$126,447,028,20 \$127,375,000 \$14,147,788,125 \$126,447,028,20 \$128,447,776,000 \$14,157,478,442,005 \$21,434,899,50 <td< td=""><td>S9, 314, 400, 00 S9, 620, 000, 00 S17, 919, 75 S17, 919, 75 S17, 919, 75 S17, 917, 73 S17, 907, 734 S17, 807, 734 S17, 807, 734 S17, 807, 734 S17, 807, 734 S17, 807, 734 S17, 807, 735 S17, 807, 735 S120, 000, 000 S123, 900, 000, 00 S123, 900, 000, 00 S131, 477, 688, 25 S135, 422, 020, 20 S134, 445, 680, 20 S134, 425, 800, 000, 00 S124, 758, 755 S140, 642, 788, 75 S140, 644, 788, 75 S140, 644, 71, 51 S135, 668, 100, 50 S133, 6136, 71, 10 S133, 768, 307, 71 S135, 668, 717, 51 S153, 668, 307, 71 S135, 668, 717, 51 S140, 544, 20 S140, 544, 20 S140, 544, 20 S140, 544, 277, 75 S140, 277, 580, 25 S150, 000, 01 S124, 777, 51 S150, 000, 01 S124, 788, 75 S140, 644, 77 S133, 763, 307, 77 S102, 224, 71, 51 S170, 750, 205, 16 S135, 750, 777, 500, 223, 71, 51 S170, 750, 205, 16 S140, 544, 277, 500, 514, 277, 514, 515 S140, 544, 277, 514, 514, 514, 514, 514, 514, 514, 514</td><td>S9, 314, 400, 00 S9, 593, 552, 200 S9, 815, 546, 96 S10, 178, 006, 37 S10, 453, 492, 26 S9, 325, 000, 00 S7, 919, 75 S7, 200, 00 S2, 255, 000, 00 S2, 255, 000, 00 S2, 262, 226, 00 S7, 214, 172, 00 S13, 375, 709, 34 S11, 842, 250, 000, 00 S12, 240, 757, 75 S12, 240, 773, 40 S12, 240, 774, 40 S11, 376, 709, 34 S11, 842, 250, 000, 00 S12, 240, 757, 75 S12, 240, 774, 30 S12, 240, 774, 30 S12, 240, 774, 30 S11, 842, 250, 000, 00 S12, 240, 757, 30 S12, 240, 774, 30 S12, 240, 774, 30 S13, 375, 779, 34 S12, 260, 200, 00 S12, 240, 200, 00 S132, 577, 300, 300, 00 S131, 127, 240, 00 S135, 661, 067, 20 S131, 477, 588, 25 S133, 452, 200, 20 S139, 484, 680, 07 S143, 669, 230, 78 S147, 793, 307, 70 S12, 200, 000, (S5, 512, 500, 00) (S5, 728, 122, 00) (S6, 277, 531, 22) (S3, 26, 864, 516, 75) (S3, 26, 864, 516, 75) S13, 477, 510, S13, 500, (S1, 307, 750, 00) (S1, 273, 375, 00) (S1, 273, 375, 50) (S1, 377, 558, 360, 77, 700) (S1, 273, 375, 750) (S1, 377, 558, 360, 77, 710) (S1, 377, 558, 360, 77, 710) S132, 671, 730, 93)<!--</td--></td></td<> | S9, 314, 400, 00 S9, 620, 000, 00 S17, 919, 75 S17, 919, 75 S17, 919, 75 S17, 917, 73 S17, 907, 734 S17, 807, 734 S17, 807, 734 S17, 807, 734 S17, 807, 734 S17, 807, 734 S17, 807, 735 S17, 807, 735 S120, 000, 000 S123, 900, 000, 00 S123, 900, 000, 00 S131, 477, 688, 25 S135, 422, 020, 20 S134, 445, 680, 20 S134, 425, 800, 000, 00 S124, 758, 755 S140, 642, 788, 75 S140, 644, 788, 75 S140, 644, 71, 51 S135, 668, 100, 50 S133, 6136, 71, 10 S133, 768, 307, 71 S135, 668, 717, 51 S153, 668, 307, 71 S135, 668, 717, 51 S140, 544, 20 S140, 544, 20 S140, 544, 20 S140, 544, 277, 75 S140, 277, 580, 25 S150, 000, 01 S124, 777, 51 S150, 000, 01 S124, 788, 75 S140, 644, 77 S133, 763, 307, 77 S102, 224, 71, 51 S170, 750, 205, 16 S135, 750, 777, 500, 223, 71, 51 S170, 750, 205, 16 S140, 544, 277, 500, 514, 277, 514, 515 S140, 544, 277, 514, 514, 514, 514, 514, 514, 514, 514 | S9, 314, 400, 00 S9, 593, 552, 200 S9, 815, 546, 96 S10, 178, 006, 37 S10, 453, 492, 26 S9, 325, 000, 00 S7, 919, 75 S7, 200, 00 S2, 255, 000, 00 S2, 255, 000, 00 S2, 262, 226, 00 S7, 214, 172, 00 S13, 375, 709, 34 S11, 842, 250, 000, 00 S12, 240, 757, 75 S12, 240, 773, 40 S12, 240, 774, 40 S11, 376, 709, 34 S11, 842, 250, 000, 00 S12, 240, 757, 75 S12, 240, 774, 30 S12, 240, 774, 30 S12, 240, 774, 30 S11, 842, 250, 000, 00 S12, 240, 757, 30 S12, 240, 774, 30 S12, 240, 774, 30 S13, 375, 779, 34 S12, 260, 200, 00 S12, 240, 200, 00 S132, 577, 300, 300, 00 S131, 127, 240, 00 S135, 661, 067, 20 S131, 477, 588, 25 S133, 452, 200, 20 S139, 484, 680, 07 S143, 669, 230, 78 S147, 793, 307, 70 S12, 200, 000, (S5, 512, 500, 00) (S5, 728, 122, 00) (S6, 277, 531, 22) (S3, 26, 864, 516, 75) (S3, 26, 864, 516, 75) S13, 477, 510, S13, 500, (S1, 307, 750, 00) (S1, 273, 375, 00) (S1, 273, 375, 50) (S1, 377, 558, 360, 77, 700) (S1, 273, 375, 750) (S1, 377, 558, 360, 77, 710) (S1, 377, 558, 360, 77, 710) S132, 671, 730, 93) </td |



AND THAT KIND OF IRR WOULD MAKE ANY ENTRY LEVEL FINANCIAL ANALYST WANT TO FLIP A TABLE...

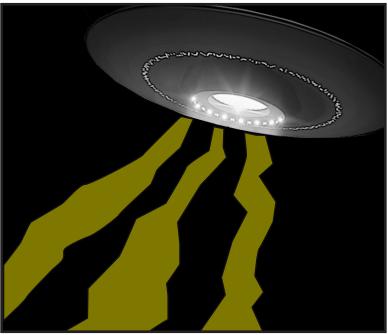


YEAH GUYS, I'M NOT GOING TO LIE TO YOU. NOTHING MAKES SENSE ABOUT WHY WE AMERICANS KEEP BUILDING THESE STADIUMS.

MAYBE YOU SHOULD GO ASK PEOPLE OUTSIDE AMERICA ABOUT THEIR STADIUMS. THEY GENERALLY DO THINGS BETTER THAN US.









("





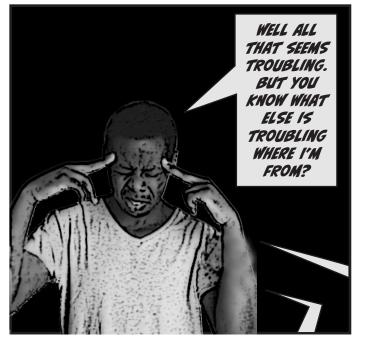
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B

© JULIAN HUERTAS (2020)



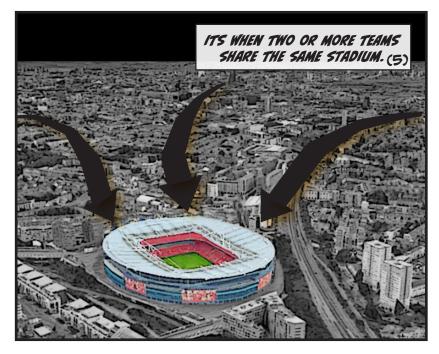






DEFINITELY. THE LEAST WE COULD DO IS GROUNDS. SHARING FOR A FEW OF THE TEAMS THAT PLAY AT THOSE STADIUMS.

> GROUND. SHARING? WHAT'S THAT?

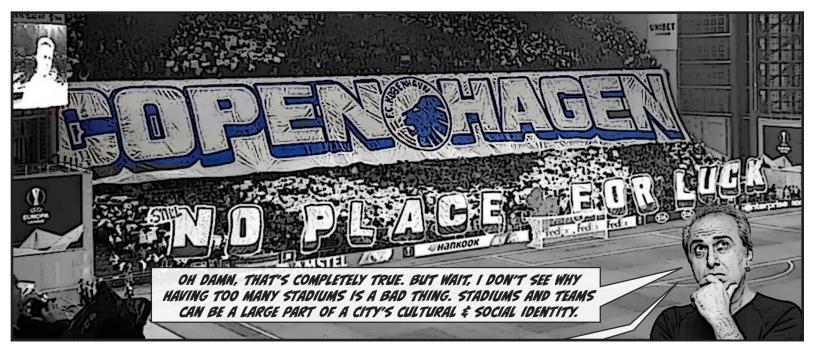


18:1 C. L'S. GROUNDS-SHARING IN LONDON WOULD REMOVE THE NEED FOR HAVING 13 STADIUMS IN THE SAME CITY. AND NOT TO MENTION IT CUTS DOWN ON COST, SAVES SPACE, AND REDUCES NOISE, TRAFFIC, & HOOLIGANISM ACROSS ALL PARTS OF TOWN.



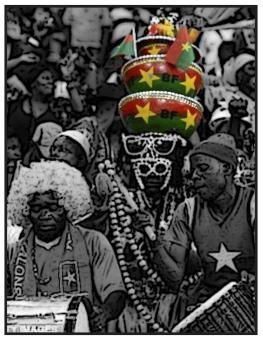
EXACERBATE NOISE, TRAFFIC, & HOOLIGANISM IN THAT ONE PART OF THE CITY WHERE THE GROUNDS-SHARED STADIUM IS LOCATED...

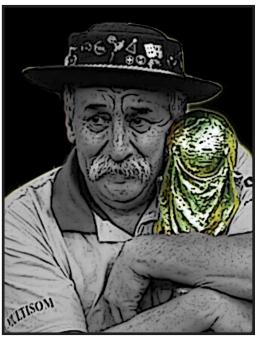
6 (C.

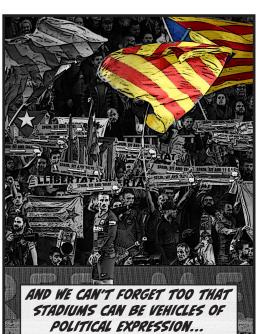


AND NOT TO MENTION THAT STADIUMS, THROUGH THE EVENTS THEY HOST, CAN BE A PART OF A NATION'S CULTURAL & SOCIAL IDENTITY AS WELL.













8

ALSO DON'T FORGET THAT STADIUMS CAN LOOK PRETTY DAMN COOL. WE'VE COME A LONG WAY IN OUR EVOLUTION OF STADIUM DESIGN. PLANNING, & DEVELOPMENT.







- + ARCHITECTURE BASED ON FACTORY BUILDING DESIGN
- + MORE FUNCTIONAL ACCOMMODATES LARGE CROWDS RATHER THAN AESTHETIC ELEGANCE
- + WOOD AS MAIN CONSTRUCTION MATERIAL
- + BASIC LEVELS OF COMFORT & SECURITY
- + MAIN DESIGN & PLANNING GOAL IS TO INCREASE CAPACITY (6)





- + ARCHITECTURE BASED ON FACTORY BUILDING DESIGN
- + REINFORCED CONCRETE AND STEEL REPLACE WOODEN STANDS
- + INCREASES IN STADIUM CAPACITY
- + PROVISION OF MORE COMFORT, SAFETY, &
- COMPLEMENTARY FACILITIES (6)





+ INCORPORATION OF MORE TECHNICAL INNOVATIONS IN DESIGN AND OPERATION (FLOODLIGHTS, FACILITIES, AND BASIC IT SYSTEMS) + INCREASES IN STADIUM CAPACITY (EXTRA TIERS OF STANDS) + INCREASE IN HOSPITALITY SERVICES (6)



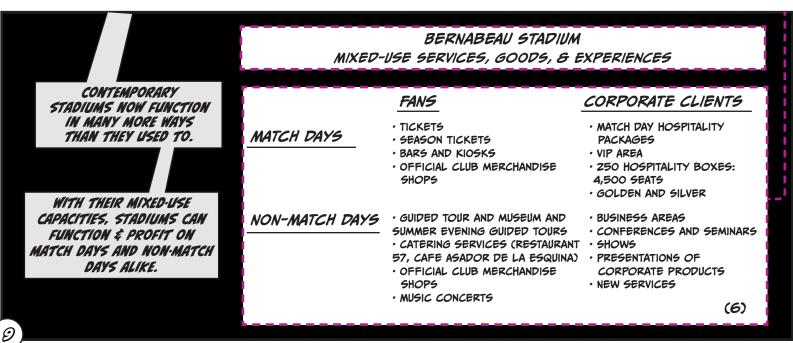


- + CAPACITY REDUCTION (DEMOLITION OF OUTDATED STANDS) + INCREASING COMFORT, SECURITY, ACCESSIBILITY, & COMMERCIAL DEVELOPMENT
- + ARTIFICIAL GRASS AND RETRACTABLE ROOFS & PITCHES + VIEW OF STADIUMS AS MORE THAN SPORTING FACILITIES:
- TOURISTS ATTRACTION, LEISURE CENTERS, BUSINESS CENTERS, ICONS OF CITY MARKETING (6)



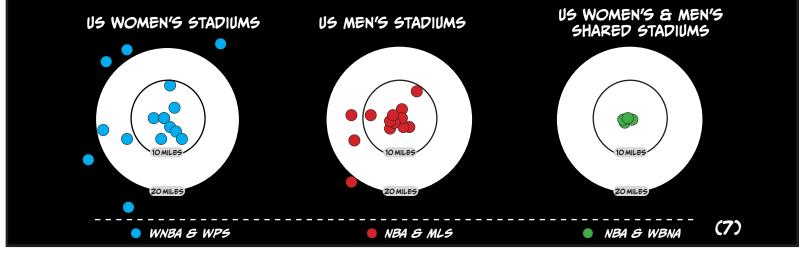
20205

- + CREATION OF MIXED-USE SPACES THAT ALLOW STADIUMS TO GENERATE REVENUE ON MATCH & NON-MATCH DAYS ALIKE
- + INCREASING COMFORT, SECURITY, ACCESSIBILITY, & COMMERCIAL DEVELOPMENT
- + INCREASING TECHNICAL INNOVATION (RETRACTABLE ROOFS & PITCHES)
- + VIEW OF STADIUMS AS MORE THAN SPORTING FACILITIES: TOURISTS ATTRACTION, LEISURE CENTERS, BUSINESS
 - CENTERS, ICONS OF CITY MARKETING (6)





LET'S TAKE A LOOK AT ONE FORM OF GENDER INEQUITY. IN THE US, STADIUMS FOR PRO WOMEN'S TEAMS ARE GENERALLY LOCATED IN SUBURBS, AWAY FROM CITY CENTERS. WHILE LOCATING TEAMS IN SUBURBS CAN SAVE MONEY ON STADIUM COSTS DUE TO LOWER LAND COSTS, LOCATING THE STADIUM FOR A PRO WOMEN'S TEAM AWAY FROM THE HEART OF DOWNTOWN DETRACTS FROM THE FIGHT FOR EQUAL STATUS AMONG MALE & FEMALE ATHLETES. (7)



MANY PEOPLE THINK GENDER EQUITY IN SPORTS IS BASED SOLELY AROUND THE FIGHT FOR EQUAL PAY. BUT STADIUM PLANNING & DEVELOPMENT PLAYS A KEY PART TOO!

OF COURSE, THOUGH, SITUATING A STADIUM DOWNTOWN DOESN'T FIX EVERY FORM OR TYPE OF GENDER INEQUITY. NOR DOES IT FIX THE MYRIAD AMOUNT OF OTHER PROBLEMS.



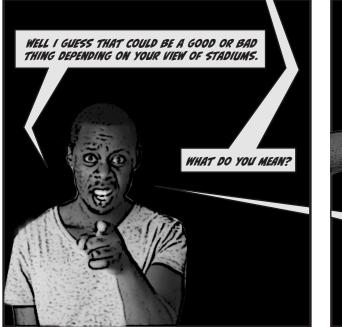
THIS IS AN IMPORTANT POINT. STADIUMS' LOCATIONS AND WHERE THEY'RE POSITIONED WITHIN CITIES INFLUENCE RACIAL AND SOCIAL (IN)EQUITY FOR NEIGHBORHOODS AND COMMUNITIES.

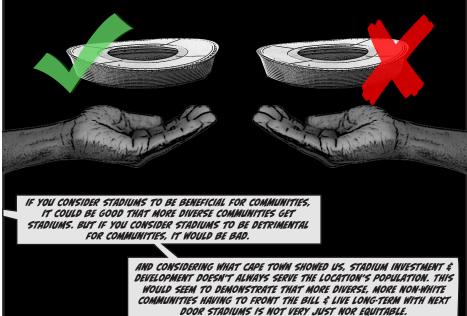
THE EXAMPLE OF CAPE TOWN DEMONSTRATES SEVERE INEQUITIES WHEN CITY & TAXPAYER MONEY FOR STADIUM DEVELOPMENT DOESN'T ACTUALLY SERVE THE local populace, which IS UNFORTUNATELY AN ALL·TOO·COMMON OCCURRENCE.

ADDITIONALLY, IN THE US, RACIAL DISCRIMINATION IS ALSO PART OF INEQUITY WHEN APPLIED TO STADIUM PLANNING È DEVELOPMENT.



IN FACT, IT'S BEEN SHOWN THAT ".... EACH ADDITIONAL 1% INCREASE IN THE FRACTION OF THE LOCAL POPULATION THAT IS WHITE LEADS TO A REDUCTION IN STADIUM CAPACITY OF ABOUT 2,000 SEATS... LANDI A REDUCTION IN TOTAL CONSTRUCTION SPENDING OF ABOUT \$5 MILLION ... " (9)









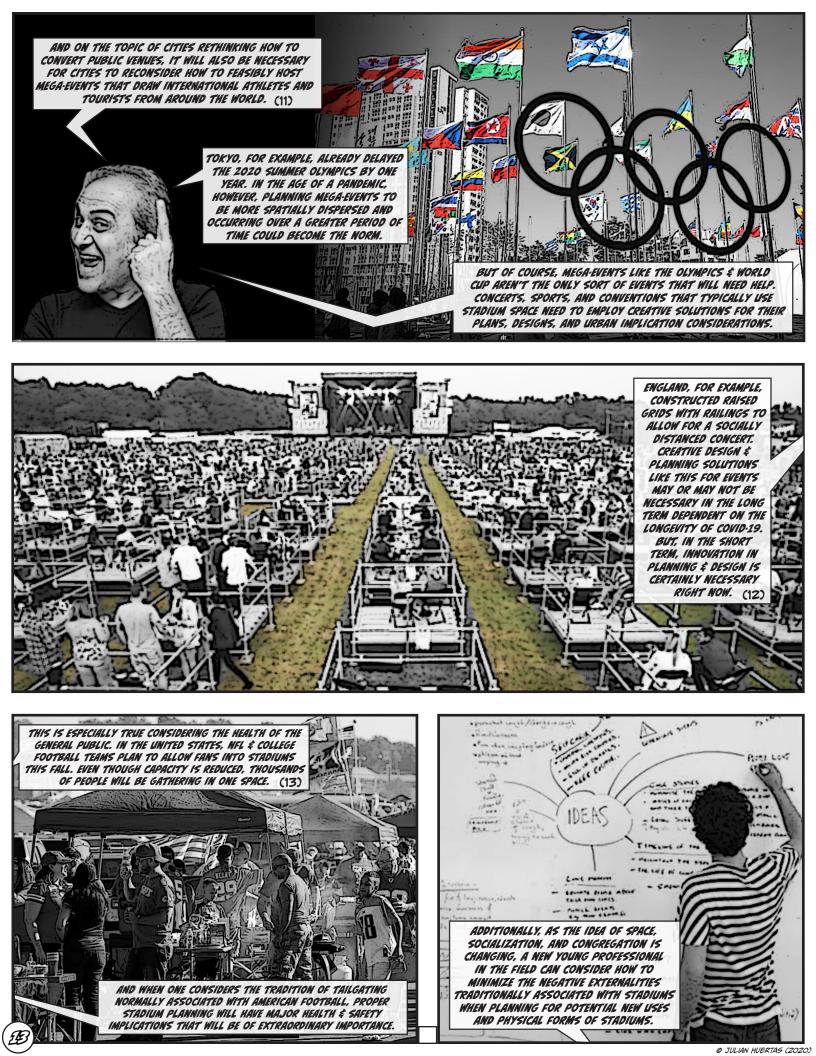
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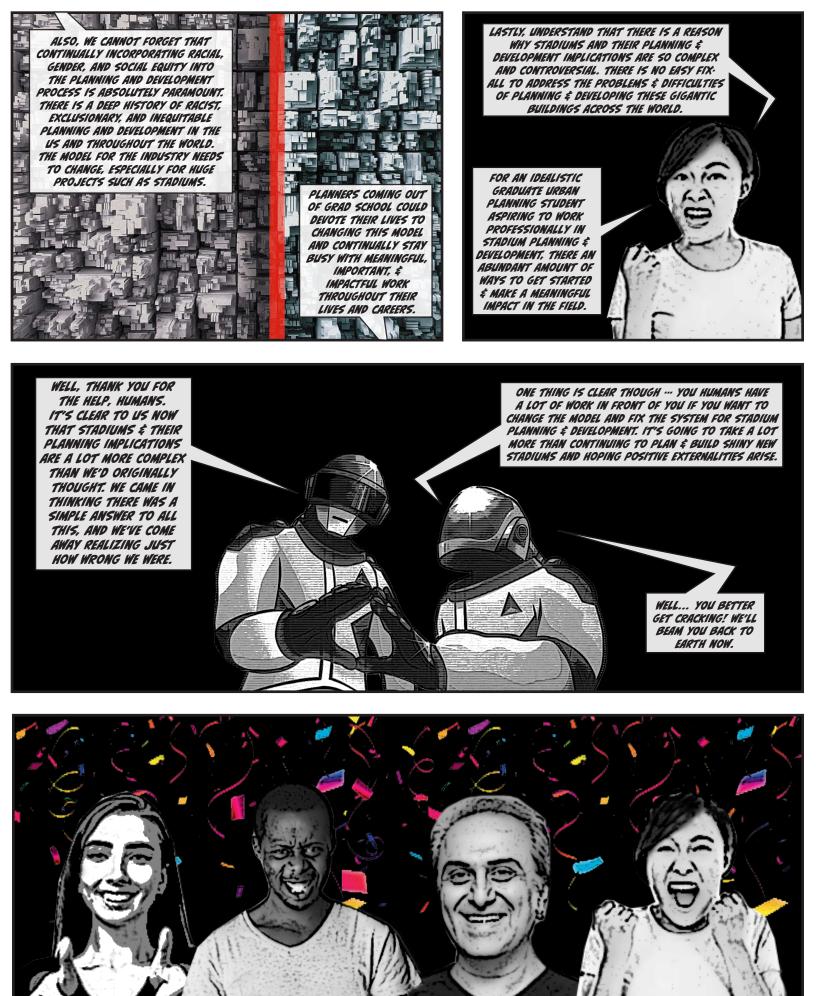
IT'S NOT ALL DARK & GLOOMY. THERE ARE A LOT OF WAYS IN WHICH A GRAD STUDENT WITH STADIUM PLANNING & DEVELOPMENT ASPIRATIONS CAN WORK & MAKE AN IMPACT IN THE FIELD.

> FOR ONE, THE COVID-19 PANDEMIC SHOWS JUST HOW IMPORTANT IT IS NOW TO CREATE NEW & ALTERNATIVE METHODS FOR STADIUM PLANNING (AND MEGA-EVENT PLANNING TOO).

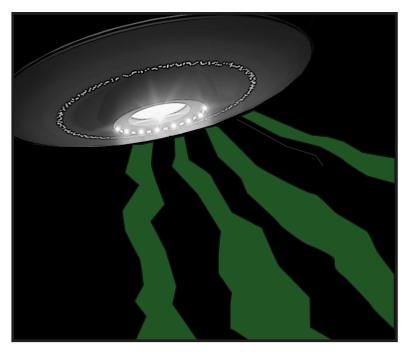
> > FANGCANG SHELTER HOSPITALS IN CHINA, FOR EXAMPLE, WERE CONVERTED FROM EXISTING STADIUMS TO HOUSE NEWLY INFECTED COVID PATIENTS. THEY PROVIDED A NOVEL APPROACH TO TREATING PATIENTS & ERECTING TEMPORARY HOSPITAL FACILITIES. THEIR SUCCESS IN CHINA DEMONSTRATES THE UTILITY OF PLANNING AND DESIGNING VENUES SPACES TO EASILY CONVERT INTO AND SERVE AS EMERGENCY HEALTHCARE INFRASTRUCTURE. (10)

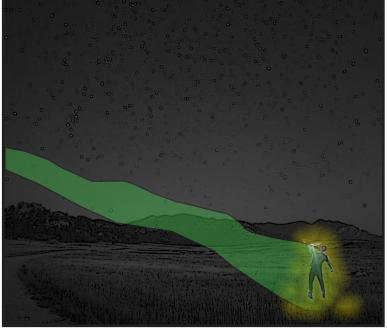
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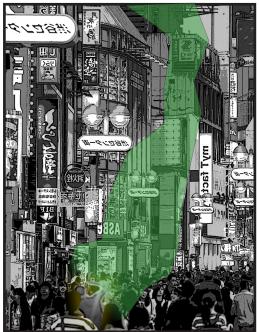




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THE CASE OF THE INCOMPREHENSIBLE STADIUM

> A SUMMER 2020 INDEPENDENT STUDY GRAPHIC NOVEL MANIFESTO ON:

STADIUM PLANNING & DEVELOPMENT

JULIAN HUERTAS, MUP 2021 HARVARD UNIVERSITY GRADUATE SCHOOL OF DESIGN

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